```c
#include <stdio.h>

int main() {
    int n, i;
    int bt[20], wt[20], tat[20];
    float avg_wt = 0, avg_tat = 0;

    printf("Enter the number of processes: ");
    scanf("%d", &n);

    printf("Enter burst time for each process:\n");
    for (i = 0; i < n; i++) {
        printf("P[%d]: ", i + 1);
        scanf("%d", &bt[i]);
    }

    wt[0] = 0; // First process has 0 waiting time

    // Calculate waiting time
    for (i = 1; i < n; i++) {
        wt[i] = 0;
        for (int j = 0; j < i; j++)
            wt[i] += bt[j];
    }

    // Calculate turnaround time
    for (i = 0; i < n; i++) {
        tat[i] = bt[i] + wt[i];
```

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        avg_wt += wt[i];
        avg_tat += tat[i];
    }

    printf("\nProcess\tBurst Time\tWaiting Time\tTurnaround Time\n");
    for (i = 0; i < n; i++) {
        printf("P[%d]\t%d\t\t%d\t\t%d\n", i + 1, bt[i], wt[i], tat[i]);
    }

    avg_wt /= n;
    avg_tat /= n;

    printf("\nAverage Waiting Time = %.2f", avg_wt);
    printf("\nAverage Turnaround Time = %.2f\n", avg_tat);

    return 0;
}
```

```
Enter the number of processes: 4
Enter burst time for each process:
P[1]: 5
P[2]: 8
P[3]: 6
P[4]: 3

Process Burst Time      Waiting Time    Turnaround Time
P[1]    5               0               5
P[2]    8               5               13
P[3]    6               13              19
P[4]    3               19              22

Average Waiting Time = 9.25
Average Turnaround Time = 14.75


...Program finished with exit code 0
Press ENTER to exit console.
```